Please type a plus sign (+) inside this box -> +

TRANSMITTAL

**FORM** 

PTO/SB/21 (6-98)

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application Number	10/085,658
Filing Date	2/27/2002
First Named Inventor	Helen K. Purss
Group Art Unit	1743
Examiner Name	
·	

(to be used for all correspondence after	er initial filing)	Group Art Unit	1	1743		
		Examiner Name				
Total Number of Pages in This Subm	ission	Attorney Docket Nur	nber 5	56104576-32		
	ENCLOS	SURES (check all tha	t apply)	44		
Fee Transmittal Form Fee Attached  Amendment / Response After Final Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement Certified Copy of Priority	nent Papers Application)  (s)  ng-related Papers  Routing Slip (PTO/SB/6 companying Petition  to Convert to a nal Application  of Attorney, Revocation of Correspondence  Il Disclaimer  Intity Statement  t for Refund		After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Additional Enclosure(s) (please identify below):  PTO/SB08A; copy of Search Report; copy of European Search Report; 16 references cited therein; return receipt postcard.			
Document(s)  Response to Missing Parts/ Incomplete Application	Remarks	j		DEC 0 9 2002		
Response to Missing Parts under 37 CFR 1.52 or 1.53				1C 1144		
SIGNATU	RE OF APPLI	CANT, ATTORNEY,	OR AGE	NT		
Firm or Individual name James David Jacobs, Esq.  Signature December 5, 2002						
	CERTIFICA	ATE OF MAILING				
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:  December 5, 2002						
Typed or printed name / James I	Dayid Jacobs, E	Esq.	<del></del>			
Signature	Then		Date	December 5, 2002		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



## IN THE UNITED PATENT AND TRADEMARK OFFICE

applicants:

David H. Solomon et al.

Application No.:

10/085,658

U.S. Filing Date:

February 27, 2002

Title:

POLYMERIC MEMBRANES AND USES THEREOF

Group Art Unit:

1743

Examiner:

Not Yet Assigned

RECEIVED

Commissioner for Patents Washington, D.C. 20231

DEC 0 9 2002

TC 1700

## INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for the Applicants hereby bring the following references to the examination of the above-identified application, which are listed on the attached modified Form No. PTO/SB08A to the attention of the Examiner. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This statement is being filed under 37 C.F.R. § 1.97(b)(3) before the mailing of a first Office Action on the merits. Copies of the cited references along with the Search Reports are enclosed. No fee is deemed necessary with the filing of these documents.

If a fee is deemed necessary, we authorize the Commissioner of Patents and Trademarks to charge Deposit Account No. 02-0393 of Baker & McKenzie.

Dated: December 5, 2002

Respectfully submitted,

I hereby certify that this correspondence is being deposited in the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on December 5, 2002.

James Partitions For

Reg. No. 24,299

ames David Jacobs, Ps

Reg. No. 24,299

Baker & McKenzie

805 Third Ayenue

New York, New York 10022 Telephone (212) 751-5700

Facsimile (212) 759-9133

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)

of

Complete if Known							
Application Number	10/085,658						
Filing Date	2/27/2002						
First Named Inventor	Helen K. Purss						
Art Unit	1743						
Examiner Name							
Attorney Docket Number	56104576-32						

			U.S. PATE	NT DOCUMENTS	
Examiner Initials		Document Number  Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 4,798,674	01-17-1989	Pasternak et al.	
	2	US- 3,844,926	10-29-1974	Smyth et al.	
	3	US- 4,149,957	04-17-1979	Gibson et al.	
		US-			
		US-		W-1847	
		US-			RECEIVE
		US-			ILCLIVE
		US-			DEC.
		US-			DEC 0 9 2002
		US-			
		US-			TC 1700
		US-			101109
		US-			

				FORE	IGN PATENT D	OCUMENTS		
Examiner Cite			oreign Patent Docum	ent	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
Initials	No. 1	Country Code	3 -Number4 - Kind Code	<sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	T <sub>6</sub>
	4	wo	97/17129			University of Toledo		
	5	wo	00/43115			Ebara Corporation		
	6	wo .	91/04085			Separations Technology		
<del></del>	7	wo	79/00002			National Research		
	İ					Development Corp.		
	8	EP	0460769	Bl		X-Flow B.V.		
	9	EP	0274387	Ві	######################################	Filmtec Corporation		
	10	EP	0311882	BI		Lignyte Co., Ltd.		
	11	GB	2174619	A		U.S. Department of		
	i			Α	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Energy		

	<del></del>		
Examiner	_	Date	
Signature		Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute	e for form 1449A/PT	О		Compl te if Known		
		<b>.</b>	201 001155	Application Number	10/085,658	
INFO	RMATION	DI	SCLOSURE	Filing Date	2/27/2002	
STAT	<b>TEMENT B</b>	YA	APPLICANT	First Named Inventor	Helen K. Purss	
				Art Unit	1743	
(-	use as many she	ets as	s necessary)	Examiner Name		
Sheet	Sheet 2 of 2		Attorney Docket Number	56104576-32		

			U.S. PATE	ENT DOCUMENTS	
Examiner Initials		Document Number  Number - Kind Code <sup>2</sup> (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
	<u> </u>	US-			
		US-			
		US-			
		US-			·
		US-			
		US-			
		US-			
	İ	US-			
***************************************	i	US-			
	1	US-			
<u> </u>	ĺ	US-			
		US-			
		US-			
	•	US-		maken var som men formare det in bleven det in bleven det in bleven var det in beste var var de var	The state of the s
		US-			
***************************************	l	US-			The state of the s
		US-			
	i	us-			

				FORE	IGN PATENT D	OCUMENTS		
Examiner Initials	Cite No. <sup>1</sup>		reign Patent Docum -Number <sup>4</sup> - Kind Code		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
	12	JP	07185278	А		Kuraray Co. Ltd.	Abstract	
	13	DE	19545701	Cl		GKSS	Abstract	
	<u> </u>					Forschungszentrum		
						Geesthacht		
	14	JP	3126504			Agency of Ind Sci Tech	Abstract	
	15	JP	2171705	А		Agency of Ind Sci Tec	Abstract	
	16	JP	2174924	А		Nitto Denko Corp.	Abstract	
<u> </u>	ļ							
<u></u>								
1								Ī

Examiner			Date	
Signature			Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.